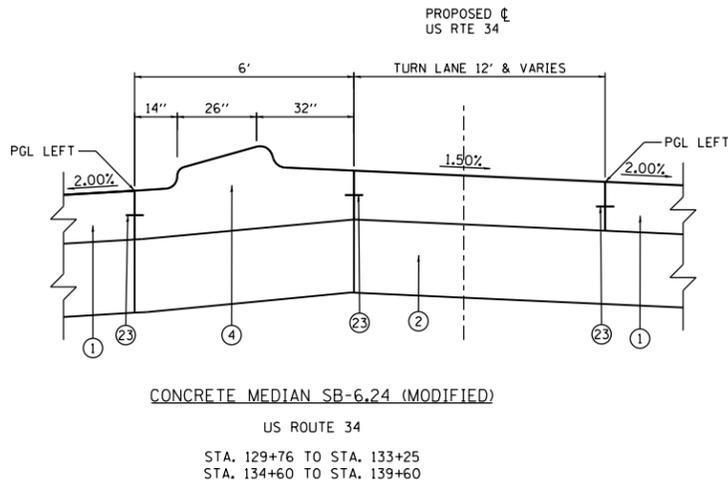


PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ④ CONCRETE MEDIAN TYPE SB-6.24 (MODIFIED) (SEE DETAIL)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑥ TOPSOIL FURNISH AND PLACE 4"
(TOPSOIL FURNISH AND PLACE 8" WILL BE USED IN ALL AREAS WHERE TREES WILL BE INSTALLED)
- ⑦ SODDING, SALT TOLERANT
- ⑧ HOT-MIX ASPHALT (FULL DEPTH), 12 1/2"
-HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5MM) (2")
-HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 10.5"
- ⑨ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑩ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- ⑪ CONCRETE BARRIER, SINGLE FACE, 34" HEIGHT AND CONCRETE BARRIER BASE (SEE DETAIL)
- ⑫ PARAPET RAILING, SPECIAL
- ⑬ BICYCLE RAILING, SPECIAL
- ⑭ TOPSOIL FURNISH AND PLACE 24"
- ⑮ AGGREGATE BASE COURSE, TYPE B, 6"
- ⑯ NOISE ABATEMENT WALL, GROUND MOUNTED
- ⑰ CAST IN PLACE RETAINING WALL
- ⑱ TEMPORARY SHEETING (USED TO ACCOMMODATE UTILITY RELOCATION)
- ⑲ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (3")
- ⑳ AGGREGATE BASE COURSE, TYPE B
- ㉑ GRANULAR BACKFILL FOR STRUCTURES
- ㉒ LONGITUDINAL SAWED JOINT, NO. 8 EPOXY COATED TIE BARS, 30" LONG AT 30" CENTERS, DRILL AND GROUT (INCLUDED IN COST OF PCC PAVEMENT)
- ㉓ LONGITUDINAL CONSTRUCTION JOINT, NO. 8 EPOXY COATED TIE BARS, 24" LONG AT 24" CENTERS
- ㉔ BARRIER WALL MARKERS, TYPE B AT 40' CENTERS
- ㉕ DRILL AND GROUT NO. 8 EPOXY COATED TIE BARS, 24" LONG AT 24" CENTERS (INCLUDED IN THE COST OF CONCRETE MEDIAN TYPE SB-6.24 (MODIFIED) AND COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24)
- ㉖ REINFORCED SELECT FILL FOR TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL (INCLUDED IN THE COST OF TEMPORARY MSE WALL)
- ㉗ SOLDIER PILE RETAINING WALL
- ㉘ TOPSOIL FURNISH AND PLACE 12"
- ㉙ AGGREGATE BASE COURSE, TYPE B 8"
- ㉚ SEEDING, CLASS 3
- ㉛ EROSION CONTROL BLANKET (SPECIAL)
- ㉜ SEEDING, CLASS 1



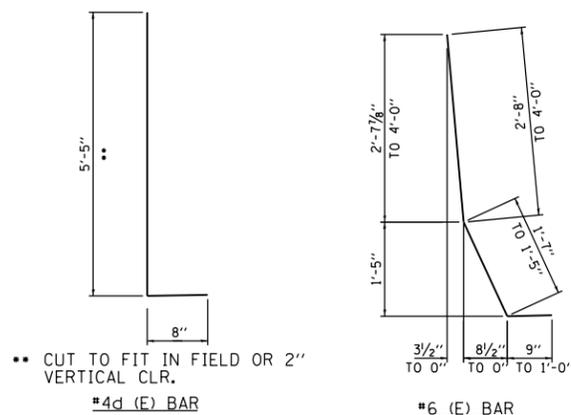
HOT-MIX ASPHALT MIXTURE REQUIREMENTS		PERCENT AIR VOIDS @ Ndes
MIXTURE TYPE		
HMA PAVEMENT (FULL DEPTH), 12 1/2"	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5MM); 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 10.5"	4% @ 70 Gyr. 4% @ 70 Gyr.
TEMPORARY PAVEMENT	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5MM); 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 10"	4% @ 50 Gyr. 4% @ 50 Gyr.
SHARED USE TRAIL	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5MM); 3"	4% @ 50 Gyr.
GUARD RAIL STABILIZATION	HOT-MIX ASPHALT SHOULDERS, (HMA BINDER IL-19 mm); 6"	4% @ 50 Gyr.
PATCHING	CLASS D PATCHES, TYPE IV, (HMA BINDER IL-19 mm); 3"	4% @ 70 Gyr.

1) THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LBS/SOYD/IN

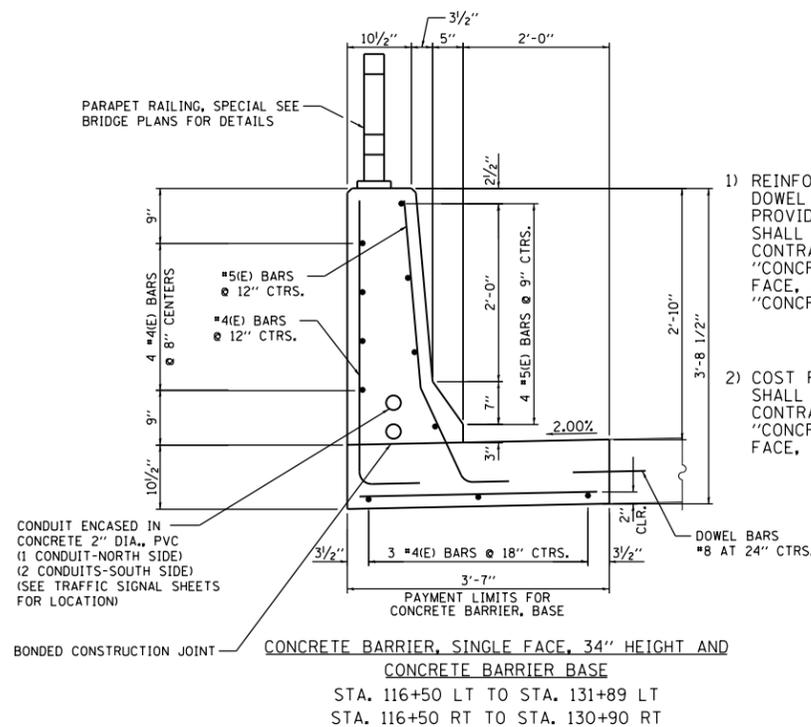
2) THE AC TYPE FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR PERCENT OF RAP SEE DISTRICT ONE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 10" PCC PAVEMENT FOR 12" HOT-MIX ASPHALT PAVEMENT AS TEMPORARY PAVEMENT.

PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; TYPICALLY 10" THICK.



BENDING DIAGRAMS



- 1) REINFORCEMENT BARS AND DOWEL BARS ARE TO BE PROVIDED PER DETAIL AND SHALL BE INCLUDED IN THE CONTRACT COST PER FOOT FOR "CONCRETE BARRIER, SINGLE FACE, 34" HEIGHT" OR "CONCRETE BARRIER BASE"
- 2) COST FOR 2" DIA. PVC CONDUIT SHALL BE INCLUDED IN THE CONTRACT COST PER FOOT FOR "CONCRETE BARRIER, SINGLE FACE, 34" HEIGHT"



USER NAME = URS	DESIGNED - MB	REVISED -
DRAWN - KJB	REVISED -	
CHECKED - SPF	REVISED -	
DATE - 02/28/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	652-A	DUPAGE	383	30
CONTRACT NO. 60R06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				